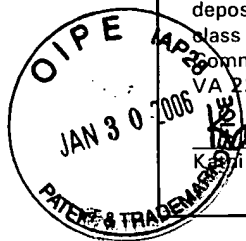


I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

*Kathi Howard* 1-26-06  
Kathi Howard Date



*C7C*

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial No.: 09/711,684  
Filed: November 10, 2000  
Patent No.: 6,870,901 B1  
Issued: March 22, 2005  
Applicant(s): Thorkell Gudmundsson, John Josef Hensch, Amir Gholamhossein Zadeh  
Aghdam, Ioannis Kanellakopoulos, Gurcan Aral, Harbinder Singh, Yaolong  
Tan, and Sunil C. Shah  
Title: DESIGN AND ARCHITECTURE OF AN IMPAIRMENT DIAGNOSIS  
SYSTEM FOR USE IN COMMUNICATIONS SYSTEMS

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

ATTN: DECISION AND CERTIFICATE OF CORRECTION  
BRANCH OF THE PATENT ISSUE DIVISION

**Certificate**  
**FEB 02 2006**  
**of Correction**

**REQUEST FOR CERTIFICATE OF CORRECTION OF PATENT  
FOR PTO MISTAKE (37 CFR §1.322 (a)) AND  
APPLICANT'S MISTAKE (37 C.F.R. §1.323)**

Sir:

Attached in duplicate form, is Form PTO-1050, with at least one copy being suitable for printing. Many of the errors below are (or may be contended to be) the mistake of Applicant who states that the errors are of a minor nature or character and occurred in good faith, and correction thereof does not involve such changes in the patent as would constitute new matter or would require reexamination. Some of the errors which appear in the Form PTO-1050 were

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100.00 OP

**FEB 03 2006**

typographical errors which occurred through the fault of the U.S. Patent and Trademark Office (“PTO”).

The exact column and line number where the errors are shown in the patent are as follows:

Page 2, U.S. PATENT DOCUMENTS, line 5 reads “5,848,151 A 12/1998 Boudy” and should read – 5,858,151 A 12/1998 Boudy – .

Page 2, OTHER PUBLICATIONS, lines 25-26 read “...Models”, ANSI Contribution TIE1.4/97-302 Technical Subcommittee Working Group Members, Spectral Compatibility,...” and should read – ...Models”, ANSI Contribution TIE1.4/97-302 Technical Subcommittee Working Group Members, Spectral Compatibility,... – .

Column 1, line 15 reads “SPECTRAL MANAGEMENT AND OP ATION...” and should read – SPECTRAL MANAGEMENT AND OPTIMIZATION...–.

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Column 10, line 58 reads, "...nventors: John Josef Hensch, Thorkell Gudmundsson, Amir..." and should read – ...inventors: John Josef Hensch, Thorkell Gudmundsson, Amir...–.

Column 11, line 17 reads, "...state/non steady state transitions should be developed. An..." and should read – ...state/non-steady state transitions should be developed. An...–.

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Please send the certificate to:

Joseph R. Jordan, Esq.  
Wood, Herron & Evans, L.L.P.  
2700 Carew Tower  
Cincinnati, Ohio 45202

As some of the errors are, or could be contended to be Applicant's mistakes, enclosed is a check for \$100.00 to cover the correction fee. If there is any further charge or credit due, please use Deposit Account No. 23-3000.

Respectfully submitted,

WOOD, HERRON & EVANS, L.L.P.

By: 

Joseph R. Jordan, Reg. No. 25,686

WOOD, HERRON & EVANS, L.L.P.  
2700 Carew Tower  
Cincinnati, Ohio 45202  
(513) 241-2324

FEB 03 2006

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 6,870,901 *B1*

DATED : March 22, 2005

INVENTOR(S) : Thorkell Gudmundsson, John Josef Hench, Amir Gholamhossein  
Zadeh Aghdam, Ioannis Kanellakopoulos, Gurcan Aral, Harbinder  
Singh, Yaolong Tan, and Sunil C. Shah

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MAILING ADDRESS OF SENDER:

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Cincinnati, OH 45202-2917

PATENT NO. 6,870,901

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**CERTIFICATE OF CORRECTION**

PATENT NO. : 6,870,901 **Bi**

DATED : March 22, 2005

INVENTOR(S) : Thorkell Gudmundsson, John Josef Hensch, Amir Gholamhossein  
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PATENT NO. : 6,870,901 **01**

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